

**WHAT IS CLAIMED IS:**

1. A method for making electronic information more readily available to an access  
2 requestor based on an anticipated demand for the electronic information, the method  
3 comprising:  
4       anticipating future requests for access to selected electronic information that is stored  
5 on a first storage medium;  
6       accessing the selected electronic information stored on the first storage medium;  
7       duplicating the selected electronic information on a second storage medium that is  
8 more accessible to an access requestor than the first storage medium; and  
9       providing the access requestor with access to the selected electronic information from  
10 the second storage medium.

□ 1. 2. The method of claim 1, further comprising:  
2       determining whether the selected electronic information is accessible to the access  
3 requestor from the second storage medium,  
4       wherein the access requestor is provided with access to the selected electronic  
5 information from the first storage medium only if the selected electronic information is not  
6 accessible to the access requestor from the second storage medium.

□ 1. 3. The method of claim 1 wherein the second storage medium is more geographically  
2 proximate to the access requestor than the first storage medium such that the duplicating  
3 includes duplicating the selected electronic information on a medium that is more  
4 geographically proximate to the access requestor than the first storage medium.

1. 4. The method of claim 1 wherein the second storage medium is more electronically  
2 proximate to the access requestor than the first storage medium such that the duplicating  
3 includes duplicating the selected electronic information on a medium that is more  
4 electronically proximate to the access requestor than the first storage medium.

1. 5. The method of claim 1 wherein the second storage medium provides faster  
2 completion of an access request than the first storage medium such that the providing

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3 includes providing faster access to the selected electronic information by the access  
4 requestor.

1 6. The method of claim 1 wherein the first storage medium resides on a central server  
2 and the second storage medium resides on a distributed server such that the duplicating  
3 includes duplicating the selected electronic information from the central server to the  
4 distributed server.

1 7. The method in claim 1 wherein the anticipating includes anticipating future requests  
2 for access to the selected electronic information based on past requests for access to the same  
3 or related electronic information by more than one access requestor.

1 8. The method in claim 1 wherein the anticipating includes anticipating future requests  
2 for access to the selected electronic information based on past requests for access to non-  
3 related electronic information by more than one access requestor.

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1 9. The method in claim 1 wherein the anticipating includes anticipating future requests  
2 for access to the selected electronic information based on past requests for access to related  
3 non-electronic information by more than one access requestor.

1 10. The method in claim 1 wherein the anticipating includes anticipating future requests  
2 for access to the selected electronic information based on past requests for access to non-  
3 related non-electronic information by more than one access requestor.

1 11. The method in claim 1 wherein anticipating future requests for access to the selected  
2 electronic information includes measuring a number of requests for the selected electronic  
3 information for which access is requested, and comparing the number of requests to a  
4 threshold.

1 12. The method in claim 1 wherein anticipating future requests for access to electronic  
2 information includes measuring a frequency of requests for access to the selected electronic  
3 information.

1 13. The method in claim 12 wherein anticipating future requests for access to the selected  
2 electronic information further comprises:

3 determining the file size of the selected electronic information;  
4 assigning a cache value to the selected electronic information based on the file size  
5 and the frequency of requests for the selected electronic information; and  
6 anticipating future requests for access to the selected electronic information based on  
7 the cache value of the selected electronic information.

1 14. The method in claim 1 wherein future requests for the selected electronic information  
2 are anticipated based on criteria unrelated to past access requests.

1 15. The method in claim 1 wherein anticipating future requests for access to the selected  
2 electronic information is performed before an access request is made.

1 16. A system for making electronic information more readily available to an access  
2 requestor based on anticipated demand for the electronic information, the system comprising:  
3 an anticipating software module that anticipates future requests for access to selected  
4 electronic information that is stored on a first storage medium;  
5 an electronic information reader that accesses the selected electronic information  
6 from within electronic information stored on the first storage medium;  
7 an electronic information copier that duplicates the selected electronic information on  
8 a second storage medium that is more accessible to an access requestor than the first storage  
9 medium; and  
10 an access providing software module that provides the access requestor with access to  
11 the selected electronic information from the second storage medium.

1 17. The system of claim 16, further comprising:

2 determines whether the selected electronic information is accessible to the access  
3 requestor from the second storage medium,  
4 wherein the selected information on the first storage medium is accessed by the  
5 electronic information reader and duplicated by the electronic information copier only if the

6 selected electronic information is not accessible to the access requestor from the second  
7 storage medium.

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1 18. The system of claim 16 wherein the second storage medium is more geographically  
2 proximate to the access requestor than the first storage medium.

1 19. The system of claim 16 wherein the second storage medium is more electronically  
2 proximate to the access requestor than the first storage medium.

1 20. The system of claim 16 wherein the second storage medium enables faster access  
2 request completion by the access requestor than the first storage medium.

1 21. The system of claim 16 wherein the first storage medium resides on a central server  
2 and the second storage medium resides on a distributed server.

1 22. The system of claim 16 wherein the anticipating module is structured and arranged  
2 for anticipating future requests for access to the selected electronic information based on past  
3 requests for access to the same or related electronic information by more than one access  
4 requestor.

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1 23. The system of claim 16 wherein the anticipating module is structured and arranged  
2 for anticipating future requests for access to the selected electronic information based on past  
3 requests for access to non-related electronic information by more than one access requestor.

1 24. The system of claim 16 wherein the anticipating module is structured and arranged  
2 for anticipating future requests for access to the selected electronic information based on past  
3 requests for access to related non-electronic information by more than one access requestor.

1 25. The system of claim 16 wherein the anticipating module is structured and arranged  
2 for anticipating future requests for access to the selected electronic information based on past  
3 requests for access to non-related non-electronic information by more than one access  
4 requestor.

1 26. The system of claim 16 wherein the anticipating module is structured and arranged to  
2 measure a frequency of requests for access to the selected electronic information.

1 27. The system of claim 26 wherein the anticipating module includes:  
2 a determining module that determines the file size of the selected electronic  
3 information;  
4 an assigning module that assigns a cache value to the selected electronic information  
5 based on the file size and the frequency of requests for the selected electronic information;  
6 and  
7 an anticipating module that anticipates future requests for access to the selected  
8 electronic information based on the cache value of the selected electronic information.

1 28. The system of claim 16 wherein the anticipating module is structured and arranged  
2 such that future requests for the selected electronic information are anticipated based on  
3 criteria unrelated to past access requests.

1 29. The system of claim 16 wherein the anticipated future requests for the selected  
2 electronic information are performed before an access request is made.

1 30. A computer readable medium having embodied thereon a computer program for  
2 processing by a computer, the computer program comprising:  
3 a first code segment for anticipating future requests for access to selected electronic  
4 information that is stored on a first storage medium;  
5 a second code segment for accessing the selected electronic information from within  
6 electronic information stored on the first storage medium;  
7 a third code segment for duplicating the selected electronic information on a second  
8 storage medium that is more accessible to an access requestor than the first storage medium;  
9 and  
10 a fourth code segment for providing the access requestor with access to the selected  
11 electronic information from the second storage medium.

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1 31. The computer readable medium of claim 30, further comprising:  
2 a determining code segment for determining whether the selected electronic  
3 information is accessible to the access requestor from the second storage medium,  
4 wherein the selected electronic information on the first storage medium is accessed by  
5 the second code segment and duplicated by the third code segment only if the selected  
6 electronic information is not accessible to the access requestor from the second storage  
7 medium.

1 32. The computer program of claim 30 wherein the second storage medium is more  
2 geographically proximate to the access requestor than the first storage medium.

1 33. The computer program of claim 30 wherein the second storage medium is more  
2 electronically proximate to the access requestor than the first storage medium.

1 34. The computer program of claim 30 wherein the second storage medium enables faster  
2 access request completion by the access requestor than the first storage medium.

1 35. The computer program of claim 30 wherein the first storage medium resides on a  
2 central server and the second storage medium resides on a distributed server.

1 36. The computer program of claim 30 wherein the first code segment is structured and  
2 arranged for anticipating future requests for access to the selected electronic information  
3 based on past requests for access to the same or related electronic information by more than  
4 one access requestor.

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1 37. The computer program of claim 30 wherein the first code segment is structured and  
2 arranged for anticipating future requests for access to the selected electronic information  
3 based on past requests for access to non-related electronic information by more than one  
4 access requestor.

1       38. The computer program of claim 30 wherein the first code segment is structured and  
2       arranged for anticipating future requests for access to the selected electronic information  
3       based on past requests for access to related non-electronic information by more than one  
4       access requestor.

1       39. The computer program of claim 30 wherein the first code segment is structured and  
2       arranged for anticipating future requests for access to the selected electronic information  
3       based on past requests for access to non-related non-electronic information by more than one  
4       access requestor.

1       40. The computer program of claim 30 wherein the first code segment is structured and  
2       arranged to measure a frequency of requests for access to the selected electronic information.

1       41. The computer program of claim 40 wherein the first code segment further comprises:  
2            a determining code segment that determines the file size of the selected electronic  
3            information;  
4            an assigning code segment that assigns a cache value to the selected electronic  
5            information based on the file size and the frequency of requests for the selected electronic  
6            information; and  
7            an anticipating code segment that anticipates future requests for access to the selected  
8            electronic information based on the cache value of the selected electronic information.

1       42. The computer program of claim 30 wherein the first code segment is structured and  
2       arranged to measure a number of requests for access to the selected electronic information for  
3       which access is requested and comparing the number of requests to a threshold.

1       43. The computer program of claim 30 wherein anticipating future requests for the  
2       selected electronic information is based on criteria unrelated to past access requests.

1       44. The computer program of claim 30 wherein the anticipating is performed before an  
2       access request is made.